TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: BurnsHarbor – Port of Indiana

Site Abbreviation: BHP   Deployment No. 24

Field Deployment and Recovery

Field *Deployment* Technician Name: Randall de Florrett   Setup Date/Time 8/20/21 11:11 CST

Sample Run Date 8/22/21   *Flow Conditions should be STD. Flow Rate should be 225 liters/min.*

Once all necessary fields in Timer screen have been set, 3 things should happen:
- ☑ Green power light should start to blink;
- ☑ Timer countdown should start indicating when sampling run will commence;
- ☐ Status on main screen should change to "Waiting".

Field *Recovery* Technician Name: Scott Keller   Recovery Date/Time 8/23/21 11:40 CST

Q$_{Std}$ Avg Flow (liters/min)	225	Actual Start Date/Time	8/22/21 0:00
CV	0.42	Actual Stop Date/Time	8/23/21 0:00
Q$_{Std}$ Volume (m³)	323.30	T$_{amb}$ Avg (°C)	24.3
Elapsed Time (HH:MM)	24:00	P$_{amb}$ Avg (mmHg)	745
Flags? *Expected flags: Completed, Q$_{Std}$.*			

Sample Status: (VALID)   VOID   (circle one)   **VOID Reason:** _____

Site Observations
Run Day Temperatures: High 79   Low 61   Source: Weather Channel
Run Day Precipitation: 0
Run Day Wind/Wind Direction: NNW 10
Run Day Sky Cover: mostly sunny
Unusual Events? (fires, major storms, construction, etc.): _____

Maintenance

Check all that apply.

Weekly Checks:
- ☑ Power cords/plugs ok?
- ☑ Gaskets ok?
- ☑ Shelter ok?
- ☑ Tubing ok?
- ☑ Timer ok?
- ☑ Debris removed?

Monthly Checks: *(after 5th sample run of the month)*
- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within ±2°C of transfer standard?
- ☐ Pressure sensor within ±10 mmHg of transfer standard?
- ☐ One-point flow verification within ±10% of Q$_{Std \, PUFPLUS}$ ($0.225\frac{m^3}{min}$)?

Maintenance Notes: